

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending September 5, 1993

Issue: 27-93

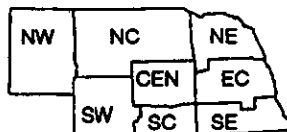
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Nebraska Department of Agriculture
Division of Agr'l. Statistics
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WEATHER

Temperatures for the week averaged from five to seven degrees below normals across the State. Precipitation varied across the State with amounts from two-tenths of an inch in the west up to 1.70 inches in the east and an extreme of nearly ten inches in the northeast.

GENERAL

Weather conditions this past week hindered crop development and maturation while fieldwork for fall seeded crops progressed well, according to the Nebraska Agricultural Statistics Service. Producers continued to prepare for the fall harvest through moving grain to elevators, cleaning bins, and preparing harvest equipment. Fall crops continued to develop and mature last week but remained ten days to two weeks behind normal. Concerns remain over the possibility of a damaging frost occurring before all fall crops are mature.

CROPS

All corn condition was rated at 3% poor, 23% fair, 65% good, and 9% excellent. Dryland fields were rated at 77% good or excellent. Irrigated fields were rated at 73% good or excellent. Crop development remained about twelve days behind normal. Silage harvest preparations and harvest activities were beginning across the State.

CROPS (Cont.)

Soybean condition was rated at 21% fair, 68% good, and 11% excellent. Leaves have begun to turn color with 4% turned to date, about two weeks behind normal.

Sorghum condition was rated at 10% poor, 46% fair, 40% good, and 4% excellent. The crop was turning color with 26% colored to date, about two weeks behind normal. Concerns remained about late heading plants and their ability to mature before the first killing frost.

Dry bean condition was rated at 13% poor, 52% fair, 34% good, and 1% excellent. Hail and wet weather problems have reduced crop condition. Harvest had begun in several areas and was rated at 10% complete.

Wheat seeding had begun in most areas of the State with 3% completed. This compares with 4% last year and 6% for the five-year average.

Alfalfa condition was rated at 1% poor, 16% fair, 74% good, and 9% excellent. Third cutting activities progressed well and were rated at 56% harvested. This compares with 81% last year.

LIVESTOCK

Pasture and range condition was rated at 106% of normal and compares with 100% of normal last year at this time. Cattle continued to do well on pastures that have provided excellent grazing. Many pastures have been able to provide this grazing potential for a longer period of time this year.

FIELD WORK PROGRESS AS OF SEPTEMBER 5, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dough stage	73	86	82	81	86	80	100	96	86	72	100	99
% corn dented	16	30	31	23	40	24	57	63	37	22	51	75
% sorghum turning color	0	16	17	31	15	33	24	32	26	9	30	62
% soybeans turning color	0	18	2	6	4	25	1	3	4	0	14	40
% dry beans turning	74	100	86	96	0	77	100	0	75	36	n/a	n/a
% dry beans dropping leaves	24	50	6	0	0	54	0	0	31	0	n/a	n/a
% dry beans harvested	8	3	0	0	0	16	0	0	10	0	n/a	n/a
% alfalfa third cutting	33	60	35	71	61	83	83	61	56	43	81	n/a
% wheat sown	2	37	15	28	8	0	2	2	3	0	4	6
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 3, 1993												
Days suitable	7.0	6.9	4.2	4.1	2.0	5.5	2.5	3.2	4.1	5.7	5.1	
Topsoil moisture - Short	10	10	0	0	0	14	0	0	3	16	3	
(Percent) - Adequate	90	90	69	90	63	86	82	100	82	78	87	
- Surplus	0	0	31	10	37	0	18	0	15	6	10	
Subsoil moisture - Short	0	0	0	0	0	0	0	0	0	1	1	
(Percent) - Adequate	100	90	92	90	79	100	82	86	88	89	93	
- Surplus	0	10	8	10	21	0	18	14	12	10	6	

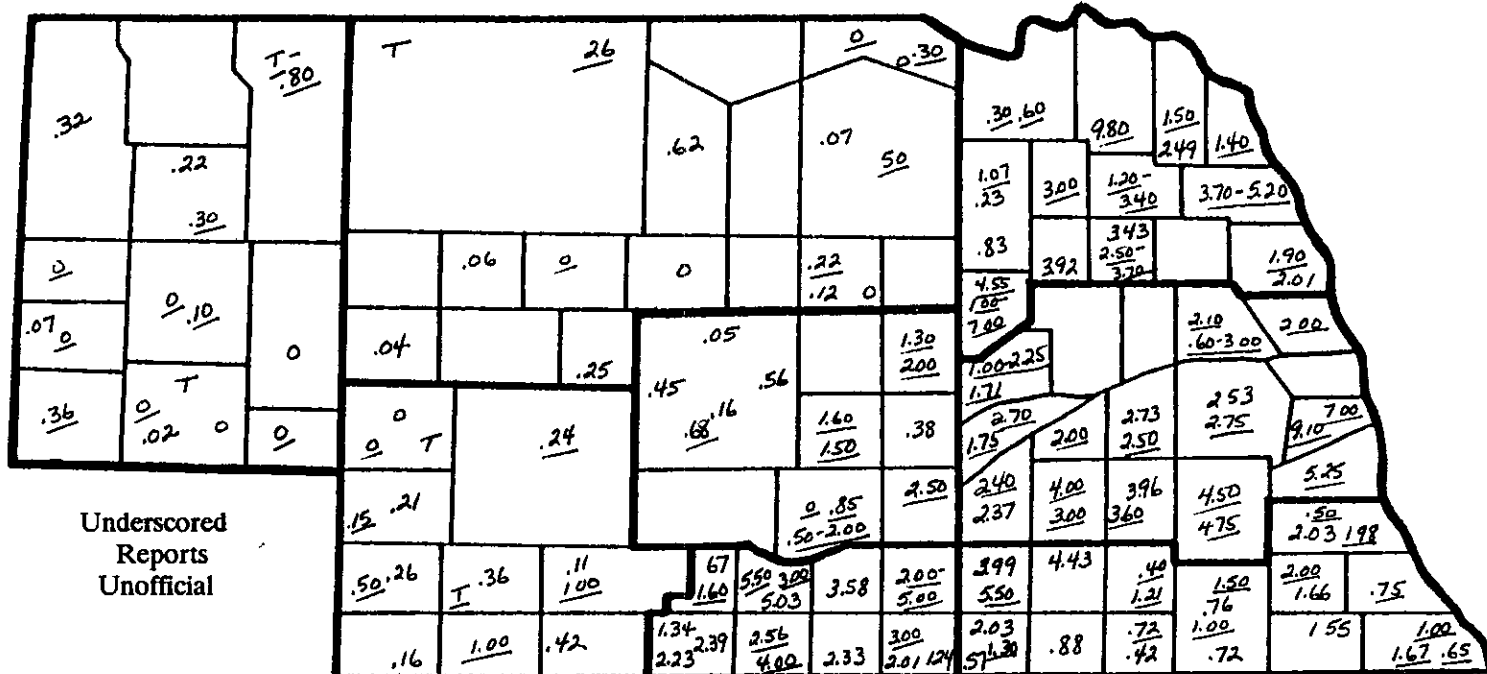
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 3, 1993



PRECIPITATION, APRIL 1 - SEPTEMBER 3, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week09	.12	2.15	.32	2.90	.19	2.31	1.73
Total since April 1	12.62	20.21	26.27	24.77	30.45	19.32	28.37	32.36
Normal since April 1	12.03	14.78	17.07	15.99	18.30	13.47	16.20	19.12
Total as % of normal	105%	137%	154%	155%	166%	143%	175%	169%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 5, 1993

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	88	37	61	---	.21	---	---	---
	Scottsbluff	88	38	60	-7	.06	---	---	---
	Sidney	88	36	60	---	0	1964	2048	2195
NC	Valentine	90	36	61	-6	.54	---	---	---
NE	Norfolk	82	48	63	-5	1.04	---	---	---
	Sioux City	80	48	63	-5	4.04	---	---	---
	Concord	---	---	---	---	---	2164	2245	2575
	Elgin	---	---	---	---	---	2135	2213	2523
CEN	West Point*	---	---	---	---	---	2323	2408	2653
	Grand Island	82	45	63	-6	.54	---	---	---
	Ord	85	38	61	---	0	2187	2268	2530
EC	Lincoln	83	50	64	-6	1.33	---	---	---
	Omaha	79	51	64	-5	1.69	---	---	---
SW	Imperial	85	38	57	---	.55	---	---	---
	North Platte	83	38	60	-7	.24	**2066	**2152	**2460
SC	Holdrege	---	---	---	---	---	2351	2437	2681
SE	Beatrice	---	---	---	---	---	2546	2632	2782
	Clay Center	---	---	---	---	---	2391	2474	2735

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.